

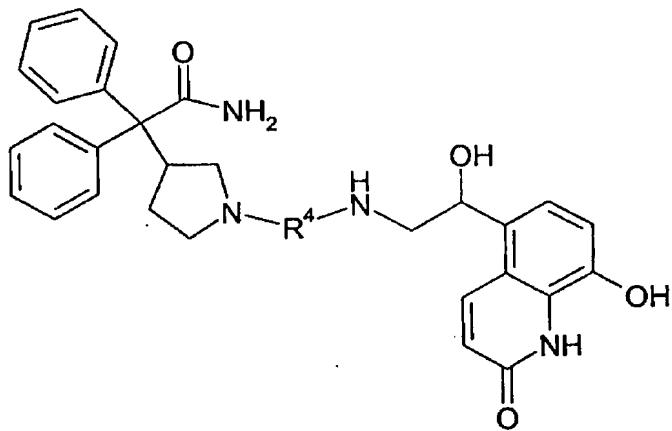
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II. AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application.

1-18. Canceled.

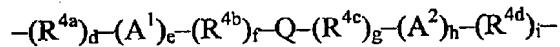
19. (Original) A compound of formula III:



III

wherein

R^4 is a divalent group of the formula:



wherein

d, e, f, g, h and i are each independently selected from 0 and 1;

R^{4a} , R^{4b} , R^{4c} and R^{4d} are each independently selected from (1-10C)alkylene, (2-10C)alkenylene and (2-10C)alkynylene, wherein each alkylene, alkenylene or alkynylene group is unsubstituted or substituted with from 1 to 5 substituents independently selected from (1-4C)alkyl, fluoro, hydroxy, phenyl and phenyl-(1-4C)alkyl;

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A^1 and A^2 are each independently selected from (3-7C)cycloalkylene, (6-10C)arylene, -O-(6-10C)arylene, (6-10C)arylene-O-, (2-9C)heteroarylene, -O-(2-9C)heteroarylene, (2-9C)heteroarylene-O- and (3-6C)heterocyclene, wherein each cycloalkylene is unsubstituted or substituted with from 1 to 4 substituents selected independently from (1-4C)alkyl, and each arylene, heteroarylene or heterocyclene group is unsubstituted or substituted with from 1 to 4 substituents independently selected from halo, (1-4C)alkyl, (1-4C)alkoxy, -S-(1-4C)alkyl, -S(O)-(1-4C)alkyl, -S(O)₂-(1-4C)alkyl, -C(O)O(1-4C)alkyl, carboxy, cyano, hydroxy, nitro, trifluoromethyl and trifluoromethoxy;

Q is selected from a bond, -O-, -C(O)O-, -OC(O)-, -S-, -S(O)-, -S(O)₂-, -N(Q^a)C(O)-, -C(O)N(Q^b)-, -N(Q^c)S(O)₂-, -S(O)₂N(Q^d)-, -N(Q^e)C(O)N(Q^f)-, -N(Q^g)S(O)₂N(Q^h)-, -OC(O)N(Qⁱ)-, -N(Q^j)C(O)O- and -N(Q^k);

Q^a , Q^b , Q^c , Q^d , Q^e , Q^f , Q^g , Q^h , Q^i , Q^j and Q^k are each independently selected from hydrogen, (1-6C)alkyl, A^3 and (1-4C)alkylene- A^4 , wherein the alkyl group is unsubstituted or substituted with from 1 to 3 substituents independently selected from fluoro, hydroxy and (1-4C)alkoxy; or together with the nitrogen atom and the group R^{4b} or R^{4c} to which they are attached, form a 4-6 membered azacycloalkylene group;

A^3 and A^4 are each independently selected from (3-6C)cycloalkyl, (6-10C)aryl, (2-9C)heteroaryl and (3-6C)heterocyclyl, wherein each cycloalkyl is unsubstituted or substituted with from 1 to 4 substituents selected independently from (1-4C)alkyl and each aryl, heteroaryl or heterocyclyl group is unsubstituted or substituted with from 1 to 4 substituents independently selected from halo, (1-4C)alkyl and (1-4C)alkoxy;

provided that the number of contiguous atoms in the shortest chain between the two nitrogen atoms to which R^4 is attached is in the range of from 4 to 16;

or a pharmaceutically acceptable salt or solvate or stereoisomer thereof.

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20. Canceled.

21. (Currently Amended) The compound of ~~any one of Claims 18, 19 or 20~~
Claim 19, wherein the number of contiguous atoms in the shortest chain between the two
nitrogen atoms to which R^4 is attached is in the range of from 8 to 14.

22. (Currently Amended) The compound of ~~any one of Claims 18, 19 or 20~~
Claim 19, wherein the number of contiguous atoms in the shortest chain between the two
nitrogen atoms to which R^4 is attached is 8, 9, 10 or 11.

23. (Currently Amended) The compound of ~~any one of Claims 18, 19 or 20~~
Claim 19, wherein R^4 is a divalent group of the formula: $-(R^{4a})_d-$ where R^{4a} is (4-
10C)alkylene.

24. (Original) The compound of Claim 23, wherein R^4 is $-(CH_2)_8-$, $-(CH_2)_9-$,
and $-(CH_2)_{10}-$.

25. (Currently Amended) The compound of ~~any one of Claims 18, 19 or 20~~
Claim 19, wherein R^4 is a divalent group of the formula:

$-(R^{4a})_d-(A^2)_h-(R^{4d})_i-$

wherein R^{4a} is (1-10C)alkylene; A^2 is (6-10C)arylene or (2-9C)heteroarylene; and
 R^{4d} is (1-10C)alkylene.

26. (Currently Amended) The compound of ~~any one of Claims 18, 19 or 20~~
Claim 19, wherein R^4 is a divalent group of the formula:

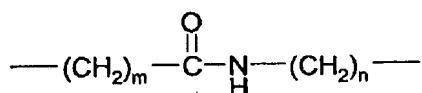
$-(R^{4a})_d-Q-(A^2)_h-(R^{4d})_i-$

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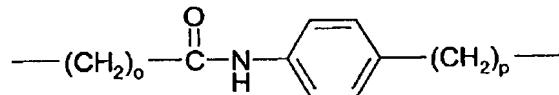
wherein Q is -O- or -N(Q^k)-; Q^k is hydrogen or (1-3C)alkyl; R^{4a} is (1-10C)alkylene; A² is (6-10C)arylene or (2-9C)heteroarylene; and R^{4d} is (1-10C)alkylene.

27. (Currently Amended) The compound of ~~any one of Claims 18, 19 or 20~~ Claim 19, wherein Q is -N(Q^a)C(O)- or -C(O)N(Q^b)-.

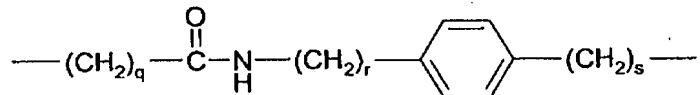
28. (Original) The compound of Claim 27 wherein R⁴ is selected from:



wherein m is an integer from 2 to 10; and n is an integer from 2 to 10; provided that m + n is an integer from 4 to 12;

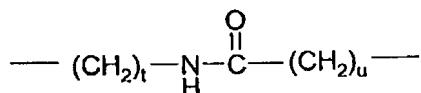


wherein o is an integer from 2 to 7; and p is an integer from 1 to 6; provided that o + p is an integer from 3 to 8; and wherein the phen-1,4-ylene group is optionally substituted with from 1 to 4 substituents independently selected from halo, (1-4C)alkyl, (1-4C)alkoxy, -S-(1-4C)alkyl, -S(O)-(1-4C)alkyl, -S(O)₂-(1-4C)alkyl, -C(O)O(1-4C)alkyl, carboxy, cyano, hydroxy, nitro, trifluoromethyl and trifluoromethoxy;

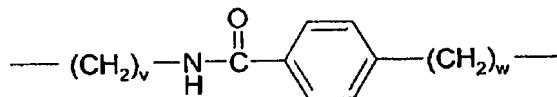


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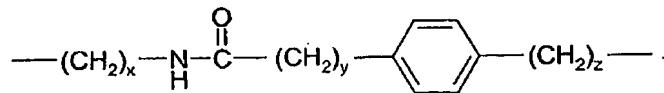
wherein q is an integer from 2 to 6; r is an integer from 1 to 5; and s is an integer from 1 to 5; provided that q + r + s is an integer from 4 to 8; and wherein the phen-1,4-ylene group is optionally substituted with from 1 to 4 substituents independently selected from halo, (1-4C)alkyl, (1-4C)alkoxy, -S-(1-4C)alkyl, -S(O)-(1-4C)alkyl, -S(O)₂-(1-4C)alkyl, -C(O)O(1-4C)alkyl, carboxy, cyano, hydroxy, nitro, trifluoromethyl and trifluoromethoxy;



wherein t is an integer from 2 to 10; and u is an integer from 2 to 10; provided that t + u is an integer from 4 to 12;



wherein v is an integer from 2 to 7; and w is an integer from 1 to 6; provided that v + w is an integer from 3 to 8; and wherein the phen-1,4-ylene group is optionally substituted with from 1 to 4 substituents independently selected from halo, (1-4C)alkyl, (1-4C)alkoxy, -S-(1-4C)alkyl, -S(O)-(1-4C)alkyl, -S(O)₂-(1-4C)alkyl, -C(O)O(1-4C)alkyl, carboxy, cyano, hydroxy, nitro, trifluoromethyl and trifluoromethoxy; and



wherein x is an integer from 2 to 6; y is an integer from 1 to 5; and z is an integer from 1 to 5; provided that x + y + z is an integer from 4 to 8; and wherein the phen-1,4-ylene group is optionally substituted with from 1 to 4 substituents independently selected

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from halo, (1-4C)alkyl, (1-4C)alkoxy, -S-(1-4C)alkyl, -S(O)-(1-4C)alkyl, -S(O)2-(1-4C)alkyl, -C(O)O(1-4C)alkyl, carboxy, cyano, hydroxy, nitro, trifluoromethyl and trifluoromethoxy.

29. (Currently Amended) The compound of ~~any one of Claims 18, 19 or 20~~
Claim 19, wherein R⁴ is selected from:

- (CH₂)₇-;
- (CH₂)₈-;
- (CH₂)₉-;
- (CH₂)₁₀-;
- (CH₂)₁₁-;
- (CH₂)₂C(O)NH(CH₂)₅-;
- (CH₂)₂N(CH₃)C(O)(CH₂)₅-;
- (CH₂)₂C(O)NH(phen-1,4-ylene)CH₂-;
- (CH₂)₂NHC(O)(phen-1,4-ylene)CH₂-;
- (CH₂)₂NHC(O)NH(CH₂)₅-;
- (CH₂)₃NHC(O)NH(CH₂)₅-;
- (CH₂)₂C(O)NHCH₂(cyclohex-1,3-ylene)CH₂-;
- (CH₂)₂NHC(O)(*cis*-cyclopent-1,3-ylene)-;
- (CH₂)₂NHC(O)NH(phen-1,4-ylene)(CH₂)₂-;
- 1-[-(CH₂)₂C(O)](piperidin-4-yl)(CH₂)₂-;
- (CH₂)₂NHC(O)(*trans*-cyclohex-1,4-ylene)CH₂-;
- (CH₂)₂NHC(O)(*cis*-cyclopent-1,3-ylene)-;
- (CH₂)₂NH(phen-1,4-ylene)(CH₂)₂-;
- 1-[-(CH₂)₂NHC(O)](piperidin-4-yl)(CH₂)₂-;
- CH₂(phen-1,4-ylene)NH(phen-1,4-ylene)CH₂-;
- (CH₂)₂C(O)NHCH₂(phen-1,3-ylene)CH₂-;
- (CH₂)₂C(O)NHCH₂(pyrid-2,6-ylene)CH₂-;
- (CH₂)₂C(O)NH(*cis*-cyclohex-1,4-ylene)CH₂-;
- (CH₂)₂C(O)NH(*trans*-cyclohex-1,4-ylene)CH₂-;

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-(CH₂)₂NHC(O)(*cis*-cyclopent-1,3-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)(phen-1,3-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)(*trans*-cyclohex-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(phen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(phen-1,4-ylene)C*H(CH₃)- ((*S*)-isomer);
-(CH₂)₂C(O)NH(phen-1,4-ylene)C*H(CH₃)- ((*R*)-isomer);
2-[(*S*)-(-CH₂-)](pyrrolidin-1-yl)C(O)(CH₂)₄-;
2-[(*S*)-(-CH₂-)](pyrrolidin-1-yl)C(O)(phen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(4-chlorophen-1,3-ylene)CH₂-;
-CH₂(2-fluorophen-1,3-ylene)CH₂-;
-(CH₂)₂C(O)NH(4-methylphen-1,3-ylene)CH₂-;
-(CH₂)₂C(O)NH(6-chlorophen-1,3-ylene)CH₂-;
-(CH₂)₂C(O)NH(2-chlorophen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(2,6-dichlorophen-1,4-ylene)CH₂-;
-(CH₂)₂NHC(O)NHCH₂(phen-1,3-ylene)CH₂-;
4-[-CH₂-](piperidin-1-yl)C(O)(phen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)N(CH₂CH₃)(phen-1,4-ylene)CH₂-;
1-[-(CH₂)₂NHC(O)](piperidin-4-yl)-;
-(CH₂)₂C(O)NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂NHC(O)(thien-2,5-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)(3-nitrophen-1,4-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)(*trans*-cyclohex-1,4-ylene)-;
1-[-CH₂(2-fluorophen-1,3-ylene)CH₂](piperidin-4-yl)-;
5-[-(CH₂)₂NHC(O)](pyrid-2-yl)CH₂-;
-(CH₂)₂(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₃(thien-2,5-ylene)(CH₂)₃-;
-(CH₂)₂(phen-1,4-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
-CH₂(phen-1,2-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
1-[-CH₂(2-fluorophen-1,3-ylene)CH₂](piperidin-4-yl)(CH₂)₂-;
1-[-CH₂(2-fluorophen-1,3-ylene)CH₂](piperidin-4-yl)CH₂-;

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-(CH₂)₂C(O)NH(3-chlorophen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(2-(CF₃O-)-phen-1,4-ylene)CH₂-;
-(CH₂)₃(phen-1,3-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂S(O)₂NH(CH₂)₅-;
-CH₂(phen-1,3-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂C(O)NH(2-iodophen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(2-chloro-5-methoxyphen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(2-chloro-6-methylphen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(CH₂)₅-;
-(CH₂)₂N(CH₃)S(O)₂(phen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(2-bromophen-1,4-ylene)CH₂-;
-(CH₂)₃(phen-1,4-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₃(phen-1,2-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
1-[-CH₂(2-fluorophen-1,3-ylene)CH₂](piperidin-4-yl)(CH₂)₃-;
-(CH₂)₂C(O)NH(2-methoxyphen-1,4-ylene)CH₂-;
-(CH₂)₅NH(phen-1,4-ylene)(CH₂)₂-;
4-[-(CH₂)₂-](piperidin-1-yl)(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂C(O)NH(phen-1,4-ylene)CH(CH₃)CH₂-;
-(CH₂)₂-(*trans*-cyclohex-1,4-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂C(O)NH(2-fluorophen-1,4-ylene)CH₂-;
-(CH₂)₂(phen-1,3-ylene)NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂C(O)NH(2,5-difluorophen-1,4-ylene)CH₂-;
-(CH₂)₂NHC(O)(phen-1,4-ylene)(CH₂)₂-;
1-[-CH₂(pyrid-2,6-ylene)CH₂](piperidin-4-yl)CH₂-;
-(CH₂)₃NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂NH(naphth-1,4-ylene)(CH₂)₂-;
-(CH₂)₃O(phen-1,4-ylene)CH₂-;
1-[-(CH₂)₃](piperidin-4-yl)CH₂-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)(phen-1,4-ylene)CH₂-;
-(CH₂)₃(phen-1,4-ylene)NHC(O)(CH₂)₂-;

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-(CH₂)₃O(phen-1,4-ylene)(CH₂)₂-;
2-[-(CH₂)₂](benzimidazol-5-yl)CH₂-;
-(CH₂)₂-(*trans*-cyclohex-1,4-ylene)NHC(O)(CH₂)₂-;
-(CH₂)₂-(*trans*-cyclohex-1,4-ylene)NHC(O)(CH₂)₄-;
-(CH₂)₂-(*trans*-cyclohex-1,4-ylene)NHC(O)(CH₂)₅-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)(CH₂)₂-;
-(CH₂)₂NHC(O)NH(phen-1,4-ylene)CH₂-;
-(CH₂)₂N(CH₃)(CH₂)₂(*cis*-cyclohex-1,4-ylene)-;
-(CH₂)₂C(O)NH(2,3,5,6-tetrafluorophen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(2,6-diiodophen-1,4-ylene)CH₂-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)(CH₂)₃-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)(CH₂)₄-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)(CH₂)₅-;
-(CH₂)₂C(O)NHCH₂(phen-1,4-ylene)CH₂-;
-(CH₂)₂NHC(O)NHCH₂(phen-1,4-ylene)CH₂-;
-(CH₂)₂C(O)NH(2-methylphen-1,4-ylene)CH₂-;
1-[-(CH₂)₃O(phen-1,4-ylene)(CH₂)₂](piperidin-4-yl)CH₂-;
-(CH₂)₂C(O)NHCH₂(phen-1,3-ylene)(CH₂)₂-;
-(CH₂)₂O(phen-1,3-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)CH₂O(phen-1,4-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)CH₂O(phen-1,3-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)(fur-2,5-ylene)CH₂-;
-(CH₂)₂N(CH₃)C(O)(thien-2,5-ylene)CH₂-;
-(CH₂)₂O(phen-1,4-ylene)O(CH₂)₂-;
-(CH₂)₂(*trans*-cyclohex-1,4-ylene)NHC(O)(phen-1,4-ylene)CH₂-;
-(CH₂)₂(*trans*-cyclohex-1,4-ylene)NHC(O)CH₂O(phen-1,2-ylene)CH₂-;
-(CH₂)₂(*trans*-cyclohex-1,4-ylene)NHC(O)CH₂O(phen-1,3-ylene)CH₂-;
-(CH₂)₂(*trans*-cyclohex-1,4-ylene)NHC(O)CH₂O(phen-1,4-ylene)CH₂-;
-(CH₂)₂(*trans*-cyclohex-1,4-ylene)NHC(O)(fur-2,5-ylene)CH₂-;
-(CH₂)₂(*trans*-cyclohex-1,4-ylene)NHC(O)(thien-2,5-ylene)CH₂-;

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4-[-(CH₂)₂](piperidin-1-yl)C(O)CH₂O(phen-1,2-ylene)CH₂-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)CH₂O(phen-1,3-ylene)CH₂-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)CH₂O(phen-1,4-ylene)CH₂-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)(fur-2,5-ylene)CH₂-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)(thien-2,5-ylene)CH₂-;
-(CH₂)₂(phen-1,4-ylene)NHC(O)(phen-1,3-ylene)CH₂-;
-(CH₂)₂(phen-1,4-ylene)NHC(O)(phen-1,4-ylene)CH₂-;
-(CH₂)₂(phen-1,4-ylene)NHC(O)CH₂O(phen-1,2-ylene)CH₂-;
-(CH₂)₂(phen-1,4-ylene)NHC(O)CH₂O(phen-1,3-ylene)CH₂-;
-(CH₂)₂(phen-1,4-ylene)NHC(O)CH₂O(phen-1,4-ylene)CH₂-;
-(CH₂)₂(phen-1,4-ylene)NHC(O)(fur-2,5-ylene)CH₂-;
-(CH₂)₂(phen-1,4-ylene)NHC(O)(thien-2,5-ylene)CH₂-;
-(CH₂)₂(*trans*-cyclohex-1,4-ylene)NHC(O)(phen-1,3-ylene)CH₂-;
-(CH₂)₃O(phen-1,3-ylene)CH₂-;
-CH₂CH(OH)CH₂NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₄NH(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₂C(O)NH(phen-1,4-ylene)CH₂NHC(O)CH₂-;
-(CH₂)₂C(O)NH(phen-1,4-ylene)(CH₂)₂NHC(O)CH₂-;
-(CH₂)₂C(O)NHCH₂(*trans*-cyclohex-1,4-ylene)CH₂-;
-(CH₂)₂NHC(O)(CH₂)₅-;
-(CH₂)₂O(phen-1,3-ylene)O(CH₂)₂-;
-(CH₂)₂O(phen-1,2-ylene)O(CH₂)₂-;
-CH₂(phen-1,2-ylene)O(phen-1,2-ylene)CH₂-;
-(CH₂)₂C(O)NH(CH₂)₆-;
-(CH₂)₃(phen-1,4-ylene)(CH₂)₃-;
-(CH₂)₃(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₄(phen-1,4-ylene)(CH₂)₂-;
-(CH₂)₃(furan-2,5-ylene)(CH₂)₃-;
-(CH₂)₂N(CH₃)C(O)NH(phen-1,4-ylene)(CH₂)₂-;
4-[-(CH₂)₂](piperidin-1-yl)C(O)NH(phen-1,4-ylene)(CH₂)₂-;

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-(CH₂)₃(phen-1,3-ylene)(CH₂)₃-;
-(CH₂)₃(tetrahydrofuran-2,5-ylene)(CH₂)₃-; and
-(CH₂)₂O(phen-1,4-ylene)C(O)(CH₂)₂-.

30. Canceled.

31. (Currently Amended) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of any one of ~~Claims 1, 18, 19, 20 or 30~~ Claims 19 to 29.

32-40. Canceled.